



Z-Release C1+2S | Release Liner | Base Paper 120 gsm

- Upon request available in FSC quality and CO₂-neutral

Properties

Z-Release is a liner (ie. Backing paper) for pressure-sensitive labels and other adhesive-coated products.

Z-Release is a two-side clay-coated silicone base paper with excellent silicone compatibility and holdout properties. The paper is coated by a Filmpress system online in the paper machine. This guarantees good reel quality and excellent runnability during silicone coating.

Application

- | | |
|-----------------------------|-----|
| • Silicone LF-Systems | *** |
| • Silicone LH-Systems | - |
| • Silicone ESH-Systems | - |
| • Silicone UV-Systems | - |
| • Silicone Emulsion-Systems | *** |

Special features

- Good backing paper for pressure-sensitive labels and foils
- Good paper for e.g. tapes if used as two-side siliconized paper
- Very good for sign vinyl application (e.g. lay flat)

Special approvals

Features

- Good dimensional stability
- Excellent Lay flat properties
- Good smoothness
- Consistent thickness
- Good formation
- Optimal oil absorption
- Good silicone adhesion and fast curing

Special norms fulfilled

Quality assurance system/Security system
Others

ISO 9001:2008/OHSAS 18001:2007
BfR XXXVI (analysis for the conformity with the demands on food contact materials)

Environment programs

Environmental quality system
Pulp Quality
Sizing

ISO 14001:2004, FSC SQS-COC-024310
ECF/TCF pulp, woodfree
acid-free, neutral sizing

Physical properties

Grammage
Thickness
Smoothness (Bekk) Topside
Smoothness (Bekk) Backside
Brightness
Surface pH-Value
Absolute humidity
Tensile strength md
Tensile strength cd
Cobb Rizinus (2 min) Topside
Cobb Rizinus (2 min) Backside

	Value	Control methods
gsm	120 ± 2	ISO 536
µm	117 ± 5	ISO 534
sec	> 150	ISO 53107
sec	> 80	ISO 53107
%	85	DIN 53145
	7,3 ± 0,5	SVI-EMPA 12
%	Ca. 5	
kN/m	> 8.8	DIN EN 1924-2
KN/m	> 5.4	DIN EN 1924-2
gsm	< 1.5	
gsm	< 2.0	

User tips

Temperature 20 ± 3 °C
Relative humidity 50 ± 5 %

Processing

Adhesive laminating ****

Legende

****super ***excellent **good *adequate -no information

Subject to modification at any time resulting from technical improvement. Status: 10.2010